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**Lab Dept:** Serology

**Test Name:** HHV6 IGG/IGM ANTIBODIES

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***General Information***

**Lab Order Codes:** HHV6A

**Synonyms:** Herpes Virus-6 Human IgG and IgM Antibodies

**CPT Codes:** 86790 x2 – Antibody; virus, not elsewhere specified

**Test Includes:** HHV6 IgG and IgM Antibody titers.

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***Logistics***

**Test Indications:** Human herpesvirus 6 (HHV-6) infects peripheral blood leukocytes, and is considered the agent of roseola. The normal prevalence of HHV-6 antibody is high; nearly 100% of the population will demonstrate antibody at midlife with titers declining in old age. Immunofluorescence assays are used for serological detection of HHV-6. Crossreactions with other Herpes viruses, i.e., Cytomegalovirus and Herpes Simplex have not been found. In order to demonstrate primary infection, it is necessary to detect a significant change in titer.

**Lab Testing Sections:** Serology - Sendouts

**Referred to:** Mayo Medical Laboratories forward to Focus Technologies, Inc. (MML Test: FHP6) (Focus Test# 40540)

**Phone Numbers:** MIN Lab: 612-813-6280

STP Lab: 651-220-6550

**Test Availability:** Daily, 24 hours

**Turnaround Time:** 1 - 4 days, test performed daily

**Special Instructions:** N/A

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***Specimen***

**Specimen Type:** Blood

**Container:** SST (Gold, marble or red) tube

**Draw Volume:** 3 mL (Minimum: 1.5 mL) blood

<b>Processed Volume:</b>	1 mL (Minimum: 0.5 mL) serum
<b>Collection:</b>	Routine venipuncture
<b>Special Processing:</b>	Lab Staff: Centrifuge specimen. Remove serum aliquot into a plastic screw-capped vial. Store and ship specimen refrigerated. Forward promptly.
<b>Patient Preparation:</b>	None
<b>Sample Rejection:</b>	Specimens other than serum, mislabeled or unlabeled specimens

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***Interpretive***

<b>Reference Range:</b>	HHV6 IgG:	<1:10
	HHV6 IgM:	<1:20
Test performed by Focus Technologies, Inc., 5785 Corporate Ave., Cypress, CA 90630-4750.		

**Critical Values:** N/A

**Limitations:** N/A

**Methodology:** Indirect Fluorescence Antibody (IFA)

**References:** [Mayo Medical Laboratories](#) November 2017

[Focus Technologies, Inc.](#) November 2017

**Updates:** 4/28/2004: Test moved from Specialty Laboratories to Mayo Medical Laboratories forward to Focus Technologies, Inc. Note: Test previously IgG only, now IgG/IgM.